

Please type a plus sign (+) inside this box ☐

PTO/SB/01 (8-86) (MODIFIED)

Approved for use through 8/30/98. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>	<b>Attorney Docket Number</b>	X-12301
	<b>First Named Inventor</b>	Macklin Brian Arnold
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	<b>Examiner Name</b>	
<input type="checkbox"/> Declaration Submitted after Initial Filing		

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SULPHONAMIDE DERIVATIVES

the specification of which  
☐ is attached hereto  
OR  
☒ was filed on 

28 July 1999

 as United States Application Number or PCT International

Application Number 

PCT/US99/17140

 and was amended on  (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional applications(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.
60/094,905	31 July 1998	

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PTO/SB/01 (8-86) (MODIFIED)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or § 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney Name	Reg. No.
Arvie J. Anderson	45,283
Lynn D. Apelgren	45,341
Robert A. Armbrage	27,417
Brian P. Barrett	39,597
Michael T. Bates	34,121
Roger S. Benjamin	27,025
William R. Boudreaux	35,798
Steven P. Caltrider	36,467
Paul R. Cantrell	36,470
Charles E. Cohen	34,565
Robert A. Conrad	32,089
Donald L. Corniglio	30,741
Elizabeth A. Dawalt	44,648
Paul R. Darkes	33,882
John C. Darneter	30,187
Marisha A. Desai	43,888
Joanne Longo Feeney	35,134
Paul J. Gaylo	36,808
Francis O. Gineh	44,712
Amy E. Hamilton	33,894
Frederick D. Hunter	26,915
Thomas E. Jackson	33,084
Charles Joyner	30,468
Gerald P. Kaleher	43,707
James J. Kelley	41,888
Paul C. Kimball	34,641
Paul J. Kivunieni	31,533

Attorney Name	Reg. No.
Robert E. Lee	27,919
James P. Leeds	35,241
Nabeen L. Lantz	38,537
Janet T. McClain	36,883
Scott A. McNeil	37,185
Douglas K. Norman	33,267
Aileen Palmberg	40,422
Raymond S. Parker, III	34,893
Thomas G. Piant	35,784
Edward Prehn	37,212
James J. Sales	33,773
Michael J. Sayles	32,206
Robert L. Sharp	45,609
David M. Stemerick	40,187
Mark J. Stewart	43,838
Robert D. Titus	40,206
Robert C. Tucker	45,185
Tina M. Tucker	47,145
McCham Vondran-Jones	36,711
Gilbert T. Voy	43,872
Andrea C. Walsh	34,988
Thomas D. Webster	39,872
Lawrence T. Welch	29,487
Alexander Wilson	P45,782

☐ Additional registered practitioner(s) named on a supplemental sheet attached hereto.

Direct all correspondence to:

Name	ELI LILLY AND COMPANY		
Address	ATTN: PATENT DEPARTMENT		
Address	LILLY CORPORATE CENTER/DC1104		
City	INDIANAPOLIS	State	INDIANA
Country		ZIP	46285
Telephone	(317) 276-1207	Fax	(317) 276-3861

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor	
Given Name	Macklin	Middle Name	Brian
Family Name	Arnold	Suffix	s.g. Jr.
Inventor's Signature	<i>Macklin B. Arnold</i>		Date
Residence: City	Morgantown	State	Indiana
Country	USA	Citizenship	USA
Address	6667 North Lawson Road		
Post Office Address	SAME AS ABOVE		
City	Morgantown	State	IN
Zip	46160	Country	USA

☒ Additional inventors are being named on supplement sheet(s) attached hereto.

Please type a plus sign (+) inside this box ☐

PTO/SB/01 (8-98) (MODIFIED)

Approved for use through 8/30/98. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor			
Given Name	David	Middle Name	Michael	Family Name	Bender
Inventor's Signature	<i>David Michael Bender</i>				Date
Residence: City	Indianapolis	State	Indiana	Country	USA
Address	10543 Fawn Ridge Lane				
Post Office Address	SAME AS ABOVE				
City	Indianapolis	State	IN	Zip	46236
				Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor			
Given Name	Andrew	Middle Name	Hendley	Family Name	Fray
Inventor's Signature	<i>Andrew Hendley Fray</i>				Date
Residence: City	Indianapolis	State	IN	Country	USA
Post Office Address	6862 Walnut Bend Road				
Post Office Address	SAME AS ABOVE				
City	Indianapolis	State	IN	Zip	46254
				Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor			
Given Name	Winton	Middle Name	Dennis	Family Name	Jones
Inventor's Signature	<i>Winton Dennis Jones</i>				Date
Residence: City	Carmel	State	IN	Country	USA
Post Office Address	1227 East 126 <sup>th</sup> Street				
Post Office Address	SAME AS ABOVE				
City	Carmel	State	IN	Zip	46033
				Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor			
Given Name	Paul	Middle Name	Leslie	Family Name	Ornstein
Inventor's Signature	<i>Paul Leslie Ornstein</i>				Date
Residence: City	Carmel	State	IN	Country	USA
Post Office Address	10441 Bosshan Court				
Post Office Address	SAME AS ABOVE				
City	Carmel	State	IN	Zip	46032
				Country	USA

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PTO/SB/01 (8-86) (MODIFIED)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Richard	Middle Name	Lee	Family Name	Simon	Suffix e.g. Jr.	
Inventor's Signature	<i>Richard Lee Simon</i>			Date	1-9-2001		
Residence: City	Greenwood	State	IN	Country	USA	Citizenship	USA
Address	371 Redbud Place						
Post Office Address	SAME AS ABOVE						
City	Greenwood	State	IN	Zip	48142	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Hamideh	Middle Name		Family Name	Zarrinmayeh	Suffix e.g. Jr.	
Inventor's Signature	<i>Hamideh Zarrinmayeh</i>			Date	1-4-2001		
Residence: City	Carmel	State	IN	Country	USA	Citizenship	Iran & USA
Post Office Address	924 Sable Run						
Post Office Address	SAME AS ABOVE						
City	Carmel	State	IN	Zip	46032	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Dennis	Middle Name	Michael	Family Name	Zimmerman	Suffix e.g. Jr.	
Inventor's Signature				Date			
Residence: City	Zionsville	State	IN	Country	USA	Citizenship	USA
Post Office Address	10343 Oak Ridge Drive						
Post Office Address	SAME AS ABOVE						
City	Zionsville	State	IN	Zip	46077	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name		Middle Name		Family Name		Suffix e.g. Jr.	
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address	SAME AS ABOVE						
City		State		Zip		Country	

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PTO/SB/01 (8-96) (MODIFIED)

Approved for use through 9/30/96. OMB 0851-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

☒

Declaration Submitted with Initial Filing

☐

Declaration Submitted after Initial Filing

Attorney Docket Number

X-12301

First Named Inventor

Macklin Brian Arnold

### COMPLETE IF KNOWN

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

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SULPHONAMIDE DERIVATIVES

the specification of which

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was filed on  
(MM/DD/YYYY)

28 July 1998

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Application  
Number

PCT/US98/17140

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐

Additional foreign application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)

Filing Date (MM/DD/YYYY)

80/094,906

31 July 1998

☐

Additional provisional application  
numbers are listed on a supplemental  
priority sheet attached hereto.

Please type a plus sign (+) inside this box



PTO/SB/01 (8-86) (MODIFIED)

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Michael T. Bates	34,121
Roger S. Benjamin	27,025
William R. Boudreeux	35,796
Steven P. Caltrider	36,487
Paul R. Cantrell	36,470
Charles E. Cohen	34,565
Robert A. Conrad	32,089
Donald L. Corneglio	30,741
Elizabeth A. Dawalt	44,848
Paul R. Darkes	33,862
John C. Demeter	30,167
Manisha A. Desai	43,585
Joanne Longo Feeney	35,134
Paul J. Gaylo	36,808
Francis O. Ginh	44,712
Amy E. Hamilton	33,894
Frederick D. Hunter	26,915
Thomas E. Jackson	33,084
Charles Joyner	30,488
Gerald P. Keleher	43,707
James J. Kelley	41,888
Paul C. Kimball	34,641
Paul J. Koivumemi	31,533

Attorney Name	Reg. No.
Robert E. Lee	27,819
James P. Leeds	35,241
Nelson L. Lentz	38,537
Janet T. McClain	36,863
Scott A. McNeil	37,185
Douglas K. Norman	33,267
Arlene Palmberg	40,422
Raymond S. Parker, III	34,893
Thomas G. Plant	35,784
Edward Prehn	37,212
James J. Sales	33,773
Michael J. Sayles	32,285
Robert L. Sharp	45,809
David M. Stemerick	40,187
Mark J. Stewart	43,636
Robert D. Titus	40,208
Robert C. Tucker	45,185
Tina M. Tucker	47,145
MaChari Vorndran-Jones	38,711
Gilbert T. Voy	43,972
Andrea C. Walsh	34,888
Thomas D. Webster	39,872
Lawrence T. Welch	29,487
Alexander Wilson	P45,782

☐ Additional registered practitioner(s) named on a supplemental sheet attached hereto.

Direct all correspondence to:

Name	ELI LILLY AND COMPANY		
Address	ATTN: PATENT DEPARTMENT		
Address	LILLY CORPORATE CENTER/DC1104		
City	INDIANAPOLIS	State	INDIANA
Country		ZIP	46285
Telephone	(317) 276-1207	Fax	(317) 276-3861

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor	
Given Name	Macklin	Middle Name	Brian
Family Name	Arnold	Suffix	e.g. Jr.
Inventor's Signature	Date		
Residence: City	Morgantown	State	Indiana
Country	USA	Citizenship	USA
Address	6667 North Lawson Road		
Post Office Address	SAME AS ABOVE		
City	Morgantown	State	IN
Zip	45160	Country	USA

☒ Additional inventors are being named on supplement sheet(s) attached hereto.

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	David	Middle Name	Michael	Family Name	Bender	Suffix e.g. Jr.	
Inventor's Signature						Date	
Residence: City	Indianapolis	State	Indiana	Country	USA	Citizenship	USA
Address	10543 Fawn Ridge Lane						
Post Office Address	SAME AS ABOVE						
City	Indianapolis	State	IN	Zip	46236	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Andrew	Middle Name	Hendley	Family Name	Fray	Suffix e.g. Jr.	
Inventor's Signature						Date	
Residence: City	Indianapolis	State	IN	Country	USA	Citizenship	USA
Post Office Address	6862 Walnut Bend Road						
Post Office Address	SAME AS ABOVE						
City	Indianapolis	State	IN	Zip	46254	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Winton	Middle Name	Dennis	Family Name	Jones	Suffix e.g. Jr.	
Inventor's Signature						Date	
Residence: City	Carmel	State	IN	Country	USA	Citizenship	USA
Post Office Address	1227 East 126 <sup>th</sup> Street						
Post Office Address	SAME AS ABOVE						
City	Carmel	State	IN	Zip	46033	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Paul	Middle Name	Leslie	Family Name	Ornstein	Suffix e.g. Jr.	
Inventor's Signature						Date	
Residence: City	Carmel	State	IN	Country	USA	Citizenship	USA
Post Office Address	10441 Bosahan Court						
Post Office Address	SAME AS ABOVE						
City	Carmel	State	IN	Zip	46032	Country	USA

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PTO/SB/01 (8-98) (MODIFIED)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Richard	Middle Name	Lee	Family Name	Simon	Suffix	e.g. Jr.
Inventor's Signature						Date	
Residence: City	Greenwood	State	IN	Country	USA	Citizenship	USA
Address	371 Redbud Place						
Post Office Address	SAME AS ABOVE						
City	Greenwood	State	IN	Zip	46142	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Hamideh	Middle Name		Family Name	Zarrinmayeh	Suffix	e.g. Jr.
Inventor's Signature						Date	
Residence: City	Carmel	State	IN	Country	USA	Citizenship	Iran & USA
Post Office Address	924 Sable Run						
Post Office Address	SAME AS ABOVE						
City	Carmel	State	IN	Zip	46032	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name	Dennis	Middle Name	Michael	Family Name	Zimmerman	Suffix	e.g. Jr.
Inventor's Signature	<i>Dennis Michael Zimmerman</i>					Date	<i>Jan 11, 2001</i>
Residence: City	Zionsville	State	IN	Country	USA	Citizenship	USA
Post Office Address	10343 Oak Ridge Drive						
Post Office Address	SAME AS ABOVE						
City	Zionsville	State	IN	Zip	46077	Country	USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A Petition has been filed for this unsigned inventor					
Given Name		Middle Name		Family Name		Suffix	e.g. Jr.
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address	SAME AS ABOVE						
City		State		Zip		Country	